

## COUNCIL MINUTES

April 4, 2022

The City Council of the City of Mesa met in a Study Session in the lower-level meeting room of the Council Chambers, 57 East 1st Street, on April 4, 2022, at 4:32 p.m.

### COUNCIL PRESENT

John Giles  
Jennifer Duff  
Mark Freeman  
Francisco Heredia  
David Luna  
Julie Spilsbury  
Kevin Thompson

### COUNCIL ABSENT

None

### OFFICERS PRESENT

Christopher Brady  
Holly Moseley  
Jim Smith

Mayor Giles conducted a roll call.

#### 1. Review and discuss items on the agenda for the April 4, 2022, Regular Council meeting.

All of the items on the agenda were reviewed among Council and staff and the following was noted:

Conflict of interest: None

Items removed from the consent agenda: None

#### 2-a. Hear a presentation, discuss, and provide direction on the Transportation Department budget.

Transportation Department Director RJ Zeder introduced Deputy Transportation Director Erik Guderian and Deputy Transportation Director Orlando Otero and displayed a PowerPoint on the Transportation department budget. **(See Attachment 1)**

Mr. Zeder explained the purpose of the Transportation Department and reviewed desired outcomes. (See Page 2 of Attachment 1)

Mr. Zeder presented the performance measures for the Field Operations Division and discussed the data used to drive their decision-making. He reported the street condition overall is steady. He explained the Pavement Condition Index (PCI) ranking system determines the street condition and noted that a score of 100 is considered a brand-new street, anything less than 40 needs significant rehab, and in-between requires maintenance. He reported that the street sweeping cycle is a little off track due to adding approximately 10 percent to the street inventory in the last 10 years, but with the addition of another street sweeper the expectation is to be back to the four-

week cycle, and streetlight repair is on track within the five-day measure for repairs and LED streetlight upgrades. (See Page 3 of Attachment 1)

Mr. Zeder presented the Traffic Engineering performance measures. He highlighted the traffic signal trouble calls due to monsoon activity causing multiple signalized intersections being down at once. (See Page 4 of Attachment 1)

In response to a question posed by Councilmember Thompson, Mr. Zeder stated Mesa has 3,600 lane miles. He pointed out repaving varies by year; the department is currently at 44 lane miles per year, but additional funding could increase that to 75 per year which would be on track with the 40-year street lifecycle.

Mr. Zeder explained Transportation's two major revenue sources are the Highway User Revenue Fund (HURF) and the Local Street Sales Tax (LSST). He stated strong revenue trends have allowed the department to add to the base level of funding. (See Page 5 of Attachment 1)

Mr. Zeder discussed Transportation's request to fund new positions as well as \$10 million for street overlays. He gave a summary of each position and the programs they support and provided additional information on the positions that support ITS, Pavement Preservation, Debris Pickup, and the Street Sweeper Programs. (See Pages 6 and 7 of Attachment 1)

In response to a question posed by City Manager Christopher Brady regarding current staffing levels for the Debris Pickup Program, Mr. Zeder stated the program currently has two employees and the budget enhancement would add another position. He added specialized clean-up jobs like homeless camps require more than three people and staff are pulled in from other crews.

In response to a question from Councilmember Spilsbury regarding the Debris Pickup Program, Mr. Zeder clarified the program does not include special events but does include public reporting via the app. He explained a hazard response field worker responds to requests for debris removal.

In response to a question posed by Councilmember Freeman on capacity and staffing needs, Mr. Zeder remarked with the addition of the 10 positions, the department is in a good place but will continue to evaluate needs.

Mr. Zeder continued discussions on Transportation's need for funding positions in various programs including hazard response, graffiti abatement, traffic barricading, and landscape. He recognized the graffiti abatement staff and emphasized the need for additional staffing to help maintain the 24-hour abatement measure. (See Page 8 of Attachment 1)

In response to a question posed by Councilmember Luna, Mr. Zeder explained the process flow after an incident is reported on the app and stated staff has received positive feedback on the process.

Mr. Zeder gave an overview of Transportation's expenditures and revenues. He pointed out the proposed budget for next fiscal year is \$53 million with the largest parts coming from HURF and LSST. He noted the increase is driven by the addition of 10 full-time equivalent (FTE) positions, adding the request for \$10 million in street overlays is part of the City's Capital program and is not reflected in the numbers presented. (See Page 9 of Attachment 1)

Councilmember Thompson emphasized the need for beacon signals. He reported he continues to receive messages and emails for the school crossing at Eastmark Parkway and East Palladium and pointed out another child was nearly struck by a vehicle recently.

Mr. Zeder responded to Councilmember Thompson that there are many moving parts with construction in Eastmark and will have more information in the Fall regarding beacon signals. He stated the City receives approximately \$1 million per year in photo safety dollars which are used for safety projects.

Mayor Giles thanked staff for the presentation.

2-b. Hear a presentation, discuss, and provide direction on the Transit Services Department budget.

Transit Services Director Jodi Sorrell displayed a PowerPoint presentation to discuss the Transit Services Department budget. **(See Attachment 2)**

Ms. Sorrell stated the purpose of the Transit Services Department is to provide transit options for the community via light rail, bus, and paratransit options. (See Page 2 of Attachment 2)

Ms. Sorrell identified Transit Services' key performance measures. She emphasized the impact Covid had on the decrease in ridership. She added light rail is coming back slowly, but busses are taking longer due to driver shortages and missed trips. She reported that the Park & Ride utilization for express busses has decreased because some businesses have not gone back in person and said its three main rider groups are the City of Phoenix, Maricopa County, and State Employees. She pointed out the State relinquished 500,000 square feet of land in downtown Phoenix which will have a tremendous impact on ridership moving forward. (See Page 3 of Attachment 2)

Ms. Sorrell reported Paratransit and RideChoice trips are trending in the right direction. Paratransit trips cost approximately \$50 per trip, and RideChoice Trips cost approximately \$27 per trip. (See Page 4 of Attachment 2)

Ms. Sorrell recalled last year, Transit requested enhancements for Route 45, Broadway Road, and Route 120, Mesa Drive, pointing out both routes have seen a significant increase in ridership even with driver shortages. (See Page 5 of Attachment 2)

Ms. Sorrell outlined budget enhancements requests for Fiscal Year (FY) 22/23. She noted the Fiesta Buzz, which connects Mesa Riverview with the Fiesta District beginning in October. She explained the City completed a three-year study on the Rio East Streetcar Extension. She reported on updates to the Transit Master Plan in conjunction with the Transportation Master Plan and General Plan updates. She discussed the Transit-Oriented Development (TOD) grant and funding requests for shade structures to continue to shade bus stops that lack shelter. She noted that Route 77 is funded by Prop 400, not the City, and creates better connections for riders. (See Page 6 of Attachment 2)

In response to a question posed by Mr. Brady on shade structure status, Ms. Sorrell reported funding for 10 additional shelters was received several years ago and the structures were completed in February. She highlighted the micro-shelter study and remarked staff is working with an engineering firm to develop design options to provide shade where there is a space or right-of-way challenges. She stated there has been approximately 40-45 shelters placed.

Mayor Giles recalled Council being compelled to address the situation due to seeing people in the heat of the day with no shelter and is encouraged by the progress made.

In response to a question posed by Councilmember Freeman, Ms. Sorrell advised there is a priority list and shelter is needed for approximately 500 more stops. She described the micro-shelter as a solution.

Councilmember Thompson reiterated the importance of the design and ensuring visibility for the Police Department.

Councilmember Heredia recommended supplying resources to alleviate folks from carrying bags while waiting for the bus.

Ms. Sorrell reported staff have looked at incorporating lean bars at stops where needed.

In response to a question posed by Councilmember Freeman on using reflective paint to absorb heat from the shelter, Ms. Sorrell stated she will investigate that. She explained current materials used are designed to make the shelters 5 to 10 degrees cooler in the summertime.

Ms. Sorrell presented the impacts of adjustment requests for the budget. She stated Route 30 and RideChoice will transition from the General Fund to Prop 400 funding and noted the changes save the General Fund \$3.2 million a year moving forward. She added these numbers will continue to stretch out over the next several years. (See Page 7 of Attachment 2)

In response to a question from Vice Mayor Duff regarding the Fiesta Buzz budget adjustment, Ms. Sorrell explained that Fiesta Buzz begins in October and the numbers for the FY 22/23 are a partial year of funding. She added the numbers for FY 23/24 reflect a full year of service.

Ms. Sorrell presented the Expenditure and Revenue summary with the caveat that FY 20/21 and 21/22 include \$47 million in stimulus money. She noted the importance of setting reasonable expectations. (See Page 8 of Attachment 2)

Mr. Brady reiterated that the stimulus money offset expenses from low light rail ridership. He concurred the savings to the General Fund will phase out over time.

Ms. Sorrell highlighted the Transit Contracted Service funding sources. She identified Prop 400 as a key funding source to fixed route operations and the Paratransit and RideChoice programs. She summarized the City is providing \$45 million worth of transit services to the residents. (See Page 9 of Attachment 2)

Mr. Brady recalled one of the priorities when working regionally on the Prop 400 extension was to take care of the existing commitments and routes before adding anything new which is built into the Prop 400 extension to continue the bus and paratransit services.

In response to a question from Councilmember Thompson regarding additional bus routes in East Mesa, Ms. Sorrell explained the Transit Master Plan will assist in coming up with the best options, whether that is circulators or micro transits, to add transit in East Mesa.

In response to a question posed by Councilmember Luna regarding adding additional bus routes into Northeast Mesa, Ms. Sorrell recalled conversations with residents and encouraged community involvement and feedback to adjust routes moving forward.



Responding to a question from Councilmember Heredia regarding available grants for micro-transit options in East Mesa, Ms. Sorrel indicated she will investigate grants.

In response to a question from Vice Mayor Duff regarding Prop 400, Deputy City Manager Scott Butler commented the legislation has passed the State Senate and is awaiting action in the State House. He explained the belief is that the legislation will pass this session and if it passes the legislative process with the supermajority emergency clause, then Maricopa will be able to add it to this upcoming ballot. He explained the election timeline and noted Prop 400 will expire at the end of 2025.

Discussion ensued regarding the Prop 400 legislation.

Mayor Giles stated with voter approval, the City can start using bond money to fund the projects that are ready to go. He clarified Prop 400 is not a tax increase but extends the half-cent sales tax that has been in place over the last 20 years. He voiced his appreciation to Senator Pace and those involved in the process.

Mayor Giles thanked staff for the presentation.

3. Current events summary including meetings and conferences attended.

Councilmember Luna - Día de los Muertos Diversity Award Recognition  
RUN3rd Run - Red Mountain High School

Vice Mayor Duff - CycloMesa  
We Run Mesa - Eagles Community Center  
Washington-Escobedo Community meeting  
12 West Brewing Autism awareness and Spectrum IPA release.

Mayor Giles - Ukraine fundraiser – All Pierogi Kitchen.

Vice Mayor Duff acknowledged Mesa native Troy Kotsur for his best supporting actor award for his role in CODA at the Academy Awards.

4. Scheduling of meetings.

Thursday, April 7, 2022, 7:30 a.m. - Study Session

Thursday, April 7, 2022, 8:30 a.m. - Sustainability and Transportation Committee meeting

5. Adjournment.

Without objection, the Study Session adjourned at 5:28 p.m.

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JOHN GILES, MAYOR

ATTEST:

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HOLLEY MOSELEY, CITY CLERK

I hereby certify that the foregoing minutes are a true and correct copy of the minutes of the Study Session of the City Council of Mesa, Arizona, held on the 4<sup>th</sup> day of April 2022. I further certify that the meeting was duly called and held and that a quorum was present.

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HOLLY MOSELEY, CITY CLERK

td  
(Attachments – 2)

# Proposed City Charter Amendment Section 609 - Procurement

April 18, 2022  
Ed Quedens, Business Services Director  
Kelly Whittemore, Deputy City Attorney



# Section 609 - Procurement

## Current Section Contents

- (A) Intent
- (B) City Council Approved Purchases
- (C) Small Dollar Procurement Procedures
- (D) Emergency Procurements
- (E) Cooperative Purchasing
- (F) Electronic Bidding
- (G) Public Notice

# Section 609 - Procurement

- Original Charter – 1967
  - Discussed Bidding & Purchase Quotes
  - Council Approval – Materials Over \$10,000
- Amended in 2004 Election – Current Language
  - Entire Section Struck & Replaced
  - Council Approval Increased – Materials Over \$25,000
- To change the text or threshold, requires a Charter amendment

# Threshold Comparisons

## Other Agency Approval Thresholds

- Phoenix - \$100,000
- Tempe - \$100,000
- Gilbert - \$100,000
- Maricopa County – Formal Solicitation \$50,000, \$100,000 for construction – County Board approval \$250,000
- Chandler - \$50,000 Bid and Council - \$30,000 for Consulting
- Scottsdale - \$25,000 Formal Solicitation, \$15,000 for Professional Services. Council approves all construction and professional services, everything else is administrative.
- Queen Creek - \$25,000
- Mesa - \$25,000

# Processing Timelines

- <\$5,000 – Small Purchase – Immediate
- \$5,000-\$25,000 – 3 Quotes – 1-5 days
- >\$25,000
  - Formal Bid – 5 weeks
  - Formal Proposal – 7 weeks
  - City Manager Approval – 1 week
  - Council Approval – 32 days

# Proposed Amendment

- Simplify the Charter language for large and small purchases
- Large Purchases – Amend the Charter to maintain the \$25,000 threshold, but to allow the Council to adjust the threshold by ordinance
- Small Purchases – Amend the Charter to clarify the methods and requirement for policies/procedures



# Other Proposed Modifications

- Eliminate Section (F) – Electronic Bidding
  - Concept was new in 2004
  - Standard business for public procurements today
  - Used in various types of procurement methods
- Minor Clean-up Language in Other Sections
  - Intent/Policy
  - Cooperative Purchasing
  - Public Notice

# Timeline

- Ordinance to Place Question on the Ballot
  - Introduction - May 2, 2022
  - Consideration - May 16, 2022
- General Election November 8, 2022

m.e.s.a.·a.n



# Existing Section

**(B) City Council Approved Purchases.** Procurement of materials, when the cost will exceed twenty-five thousand dollars (\$25,000), shall be made after giving public notice, as defined in Section 609(G), using either formal written invitation for bid (IFB), or request for proposal (RFP). The City Manager or designee shall determine which procurement method (IFB or RFP) will be most practicable and advantageous to the City for the procurement of materials.

# Existing Section

**(C) - Small Dollar Procurement Procedure.** Procurement of materials, when the cost will not exceed twenty-five thousand dollars (\$25,000) shall be made using small dollar purchase procedures to be developed and implemented by the City Manager or designee. For purchases of less than five thousand dollars (\$5,000), the City Manager or designee shall adopt policies and procedures to provide for efficient and cost effective purchasing practices and the maintaining of appropriate records of such purchases.

# Proposed Replacement

**(B) PROCUREMENT METHODS.** Procurement of materials exceeding twenty-five thousand dollars (\$25,000) or other amount as City Council may establish by ordinance are large dollar procurements requiring public notice and City Council approval; for all other procurements of materials, the City Manager or designee will determine the procurement methods that are the most practicable and advantageous to the City. The City Manager or designee shall adopt policies and procedures to provide for efficient and cost-effective purchasing practices.

# Proposed Revisions

(A) **INTENT.** It is the general intent AND POLICY that open, competitive PROCUREMENT METHODS ARE ~~bidding be~~ followed in the purchase of materials, supplies, commodities, equipment, insurance and capital improvements (collectively the "materials") whenever possible. The City Council shall establish by ordinance a procedure to implement this policy and may determine exceptions thereto. For CITY COUNCIL APPROVED PURCHASES IN Section 609(B), the City Council shall accept those PROCUREMENT RESPONSES ~~bids~~ that, under all circumstances, appear to be in the best interest of the City unless all RESPONSES ARE ~~bids be~~ rejected.

# Proposed Revisions

(D) **COOPERATIVE PURCHASING.** The City Manager or designee shall have the authority to participate IN COOPERATIVE PURCHASES FOR ALL PROCUREMENTS with the State of Arizona or other political subdivisions of this State, or any other State and its political subdivisions and the Federal Government for the procurement of materials in cooperative purchasing agreements. Participation in cooperative PURCHASES purchasing agreements shall be deemed to be compliance COMPLY with this Section. Any LARGE DOLLAR PROCUREMENT USING cooperative purchasing agreement exceeding the dollar limit for City Council approval shall be approved BY CITY COUNCIL prior to commencing any purchase.



# Proposed Revisions

~~(E) PUBLIC NOTICE. Notwithstanding Section 211(D) of this Charter, for THE purposes of this Section, “public notice”, ~~publish or advertising~~ shall mean the distribution or dissemination of information to interested parties at least one (1) time using methods that are reasonably available. Such methods may include, but are not limited to, publication ON THE CITY’S WEBSITE OR in newspapers of general circulation, ~~electronic or paper~~ mailing lists, or any OTHER ~~electronic~~ method providing widespread circulation.~~



# Environmental Management & Sustainability

## Fiscal Year 22/23 Proposed Budget

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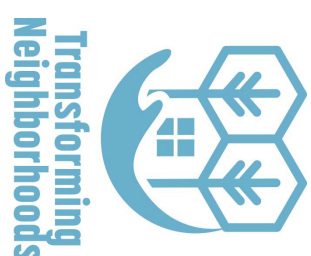
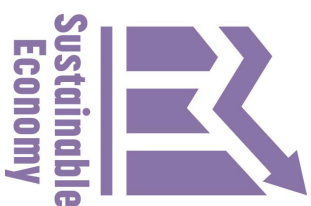
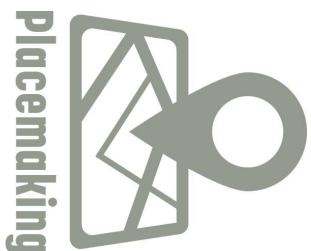
APRIL 18, 2022

Scott Bouchie || Sheri Collins || Laura Hyneman

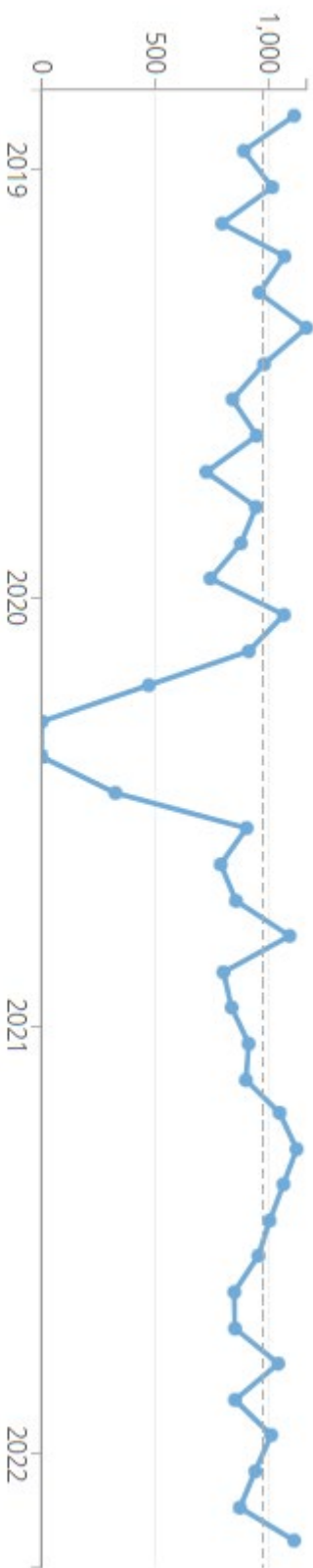
# Department's Purpose

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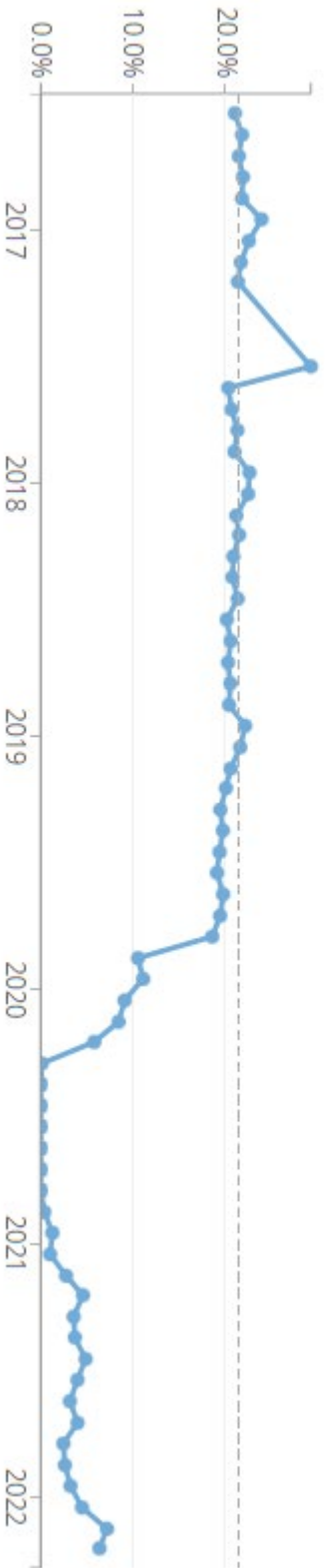
To provide a clean, healthy environment for our community with a focus on reducing carbon emissions, increasing use of renewable energy and reducing waste.



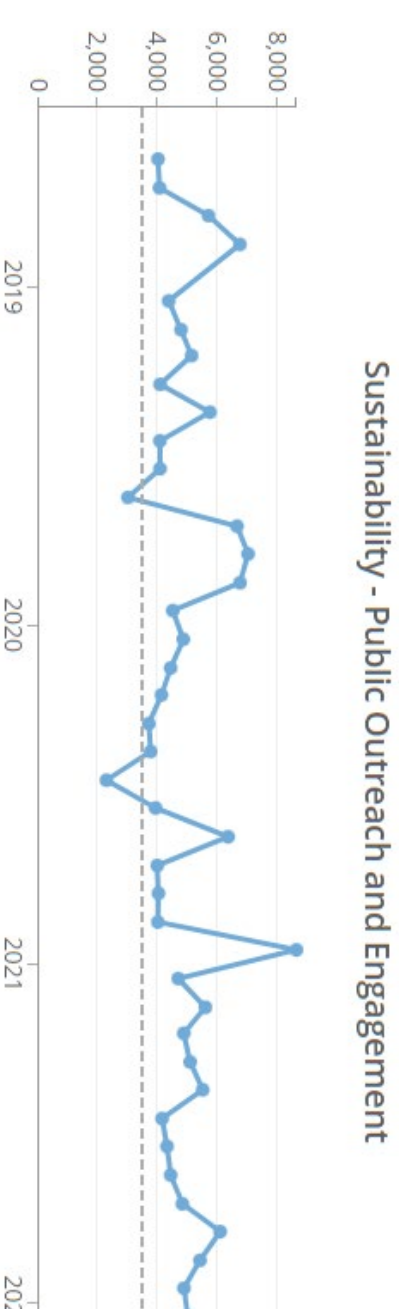
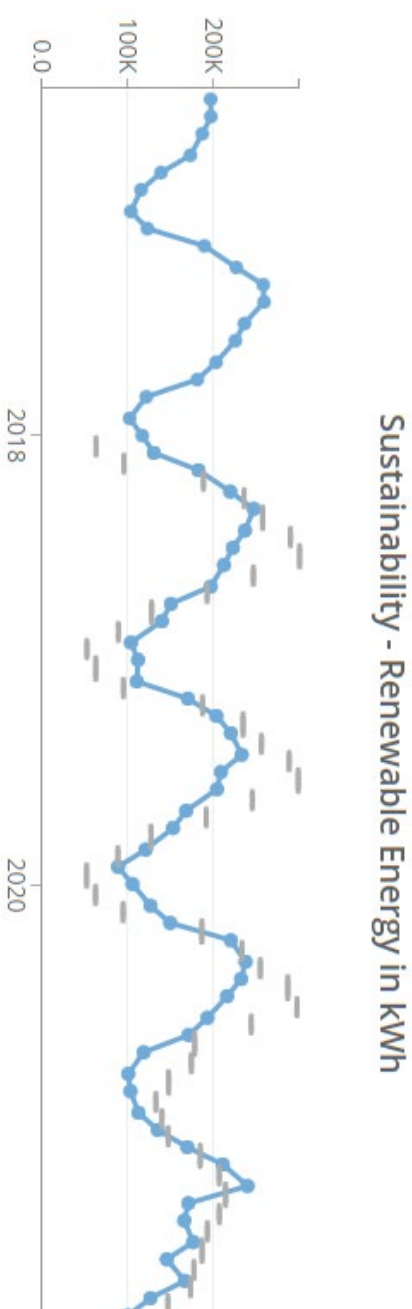
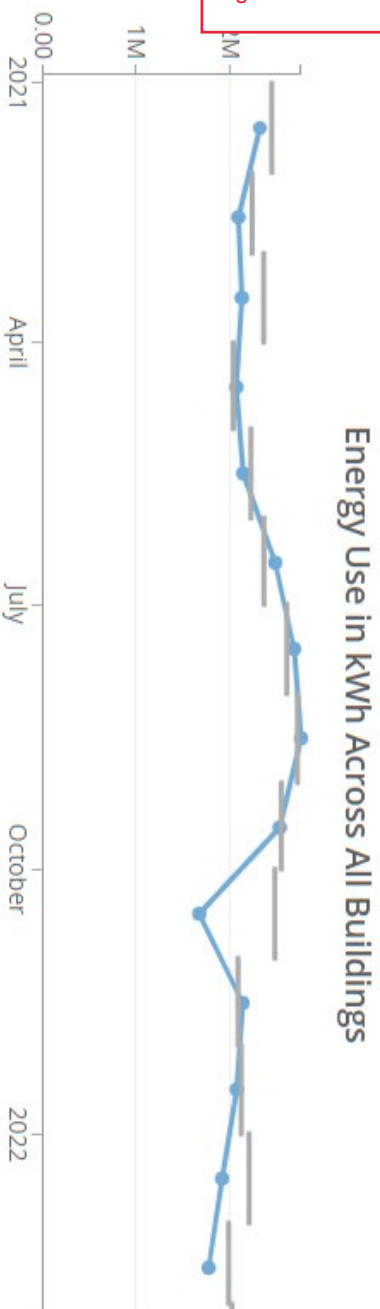
Household Hazardous Materials Facility Users



Recycle Blue Barrel Diversion Rate (% of total trash that is recycled)



# Performance Measures: Solid Waste



# Performance & Environmental Sustainability Measures:

# FY 22/23 Budget Enhancements

## 8 Additional Operators

Allows the department to maintain adequate service levels for a growing City as well as balance workload.

## Routing Specialist

Allows the department to continue to maintain efficiencies in balanced routing operations.

## 2 Front Load Trucks

Allows the department to continue to service the growing commercial sector within the City.

## 1 Container Truck

Allows the department to continue to service the growing commercial sector within the City.

## 1 ASL Truck

Allows the department to continue to service the growing residential sector within the City, specifically within Southeast Mesa.

# Expenditure Summary - Solid Waste Management

	FY 20/21 Year End Actuals	FY 21/22 Revised Budget	FY 21/22 Year End Estimate	FY 22/23 Proposed Budget
Core Business Process				
Solid Waste Operations				
Support & Administration	\$5.6	\$7.1	\$7.2	\$7.7
Barrel Collection	\$18.5	\$17.5	\$19.5	\$19.8
Bin Collection	\$5.6	\$6.7	\$6.4	\$7.3
Roll-Off and				
Neighborhood Cleanup	\$2.2	\$2.6	\$2.3	\$2.5
Household Hazardous				
Waste	\$0.6	\$1.2	\$1.2	\$0.9
Recycling Outreach &				
Education	\$0.4	\$0.6	\$0.6	\$0.6
Total	\$32.9	\$35.7	\$37.2	\$38.8
Total FTE	150.0	150.0	150.0	159.0

Dollars in Millions

# Expenditure Summary - Environmental and Sustainability

	FY 20/21 Year End Actuals	FY 21/22 Revised Budget	FY 21/22 Year End Estimate	FY 22/23 Proposed Budget
Core Business Processes				
Water Quality	\$0.2	\$0.3	\$0.3	\$0.3
Air Quality	\$0.2	\$0.2	\$0.2	\$0.2
Hazardous Materials/Waste	\$0.2	\$0.2	\$0.2	\$0.2
Storage Tanks	\$0.1	\$0.2	\$0.2	\$0.5
Sustainability	\$1.0	\$1.2	\$0.9	\$1.3
Asbestos & Lead	\$0.1	\$0.1	\$0.2	\$0.2
Total	\$1.8	\$2.2	\$2.0	\$2.7

Total FTE	11	11	11	11
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\* Earned \$300,000 in SRP energy efficiency rebates in FY22

Dollars in Millions



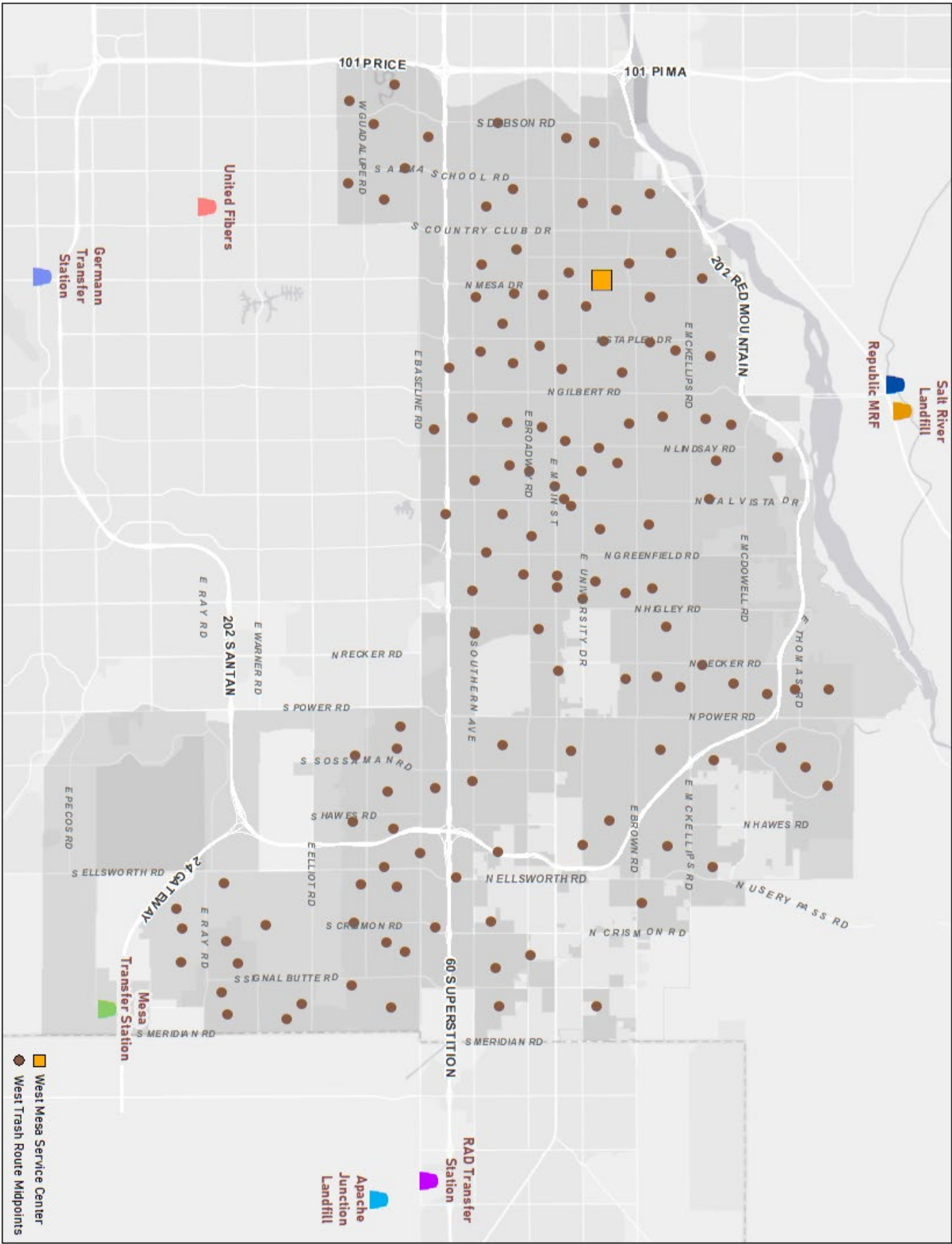
# Recycling Update

## Current State of Recycling

- United Fibers Contract
  - Final extension of existing contract ends 12/31/22
  - 12,500 annual tons max
  - Current cost \$35/ton, no revenue share

## Future State of Recycling

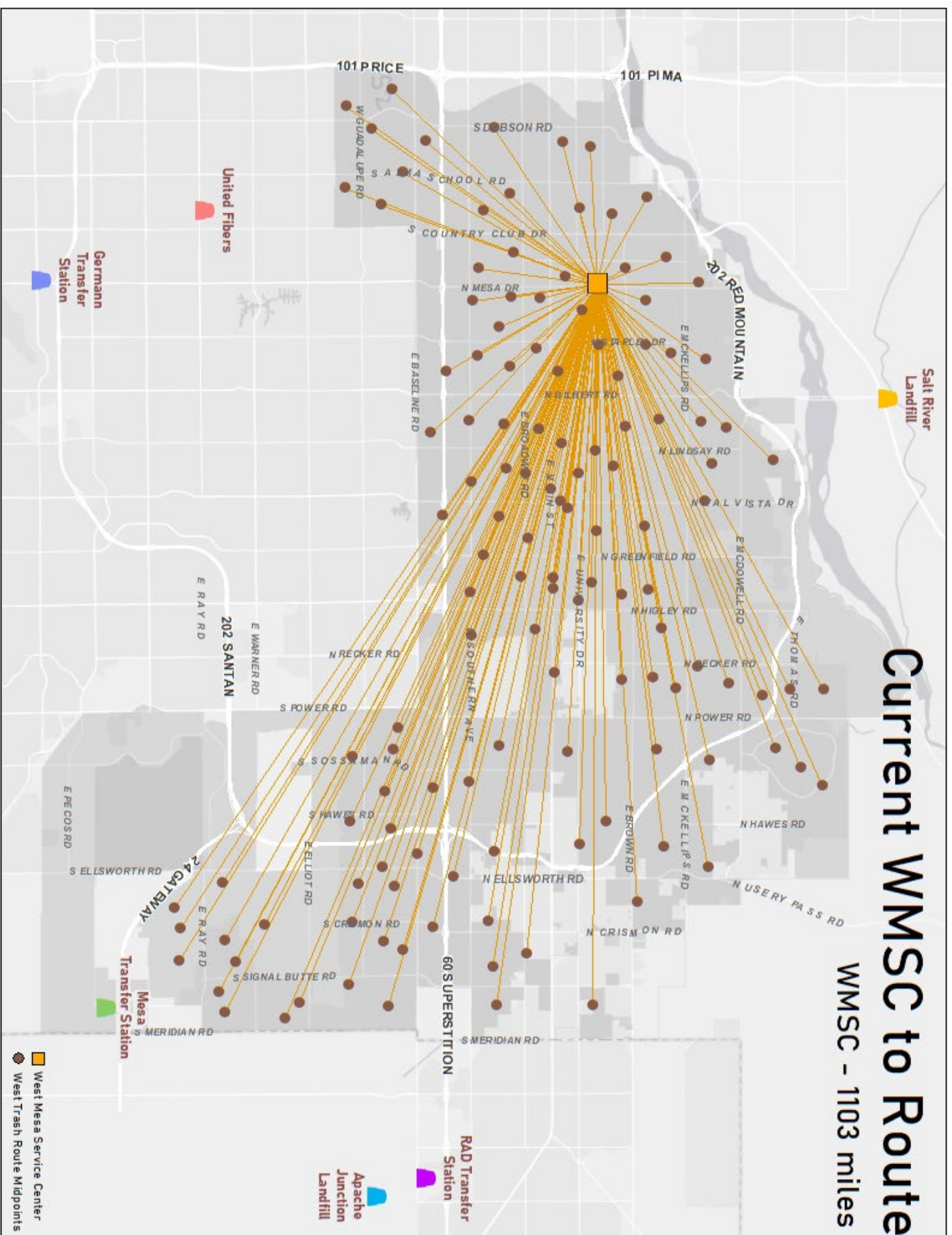
- Issue RFP for Recycling Materials
- Contract in place by 1/1/23
- Goal: All recycling materials have a facility
- Feasibility Study



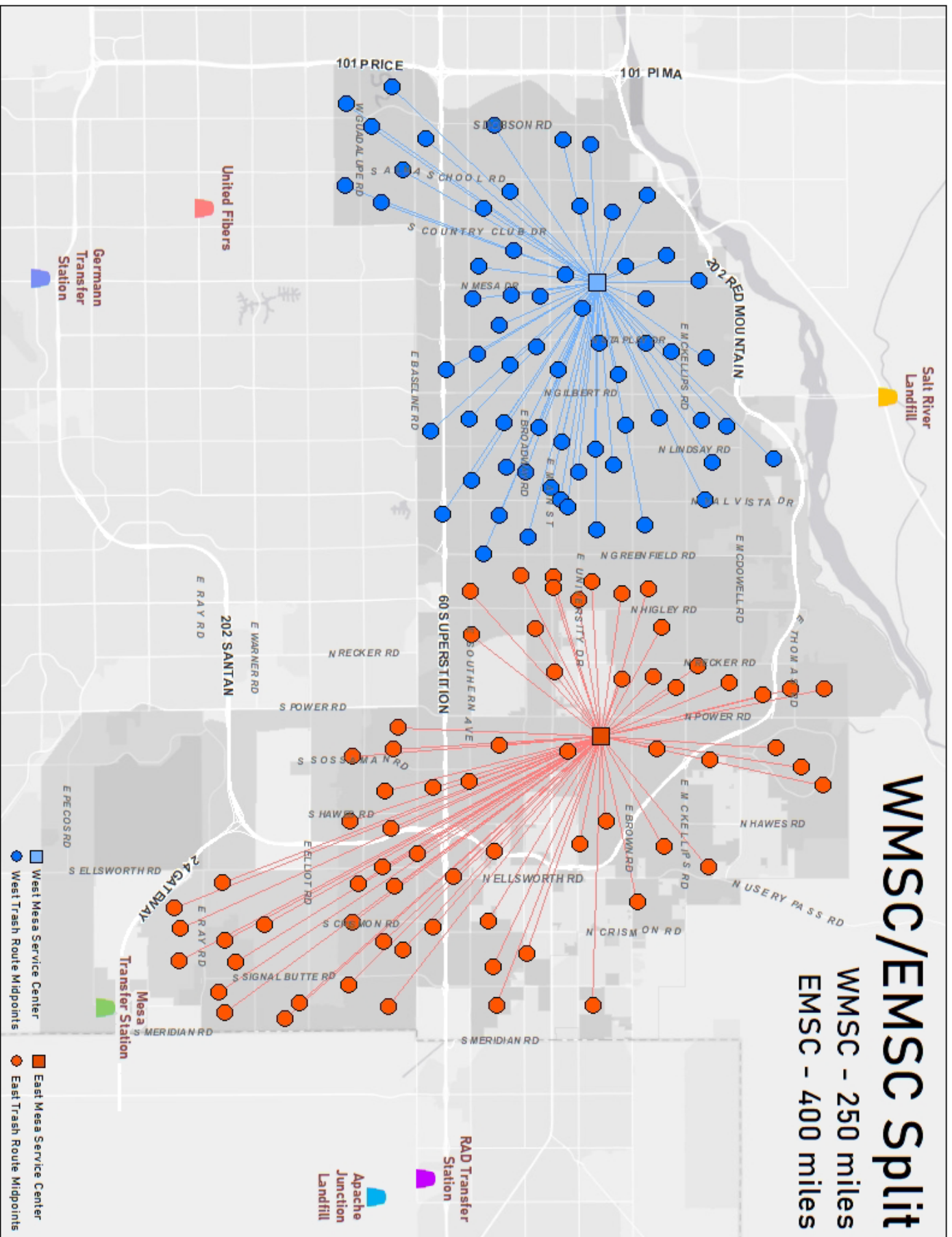
# Infrastructure Update

## Recommendations

- Phased approach
- Splitting operations between East Mesa and West Mesa
- Transfer Station/Materials Recovery Facility (MRF)







# Infrastructure Update

## Next Steps

- Funding identified for splitting operations
- Regional partnership discussions



CITY COUNCIL STUDY SESSION | APRIL, 2022



CLIMATE ACTION PLAN

For a Sustainable Community

CITY OF MESA 2021 | [MESA.AZ.GOV/CLIMATEACTION](https://mesaaz.gov/climateaction)

SCOTT BOUCHIE AND LAURA HYNEMAN,  
ENVIRONMENTAL MANAGEMENT & SUSTAINABILITY





## Overview

### Path to Achieving MCAP Goals

### Tracking Progress

### Projects Funded and Underway

### Proposed \$10,000,000 Projects

### Summary

CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

[MESA.AZ.GOV/CLIMATEACTION](https://mesaaz.gov/climateaction)



# ASPIRATIONAL GOALS



## ASPIRATIONAL GOAL #1: **Carbon Neutrality**

- Achieve carbon neutrality by 2050 by reducing greenhouse gas emissions and enhancing carbon sinks
- Strive to reduce the carbon footprint of City Operations by 50% by 2030



## ASPIRATIONAL GOAL #2: **Renewable Energy**

- Prioritize the use of renewable, resilient energy to achieve 100% renewable energy by 2050



## ASPIRATIONAL GOAL #3: **Materials Management**

- Manage material responsibly and divert 90% waste from the landfill by 2050



## ASPIRATIONAL GOAL #4: **Community Action**

- Develop community-based action items to be incorporated into the Plan

CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

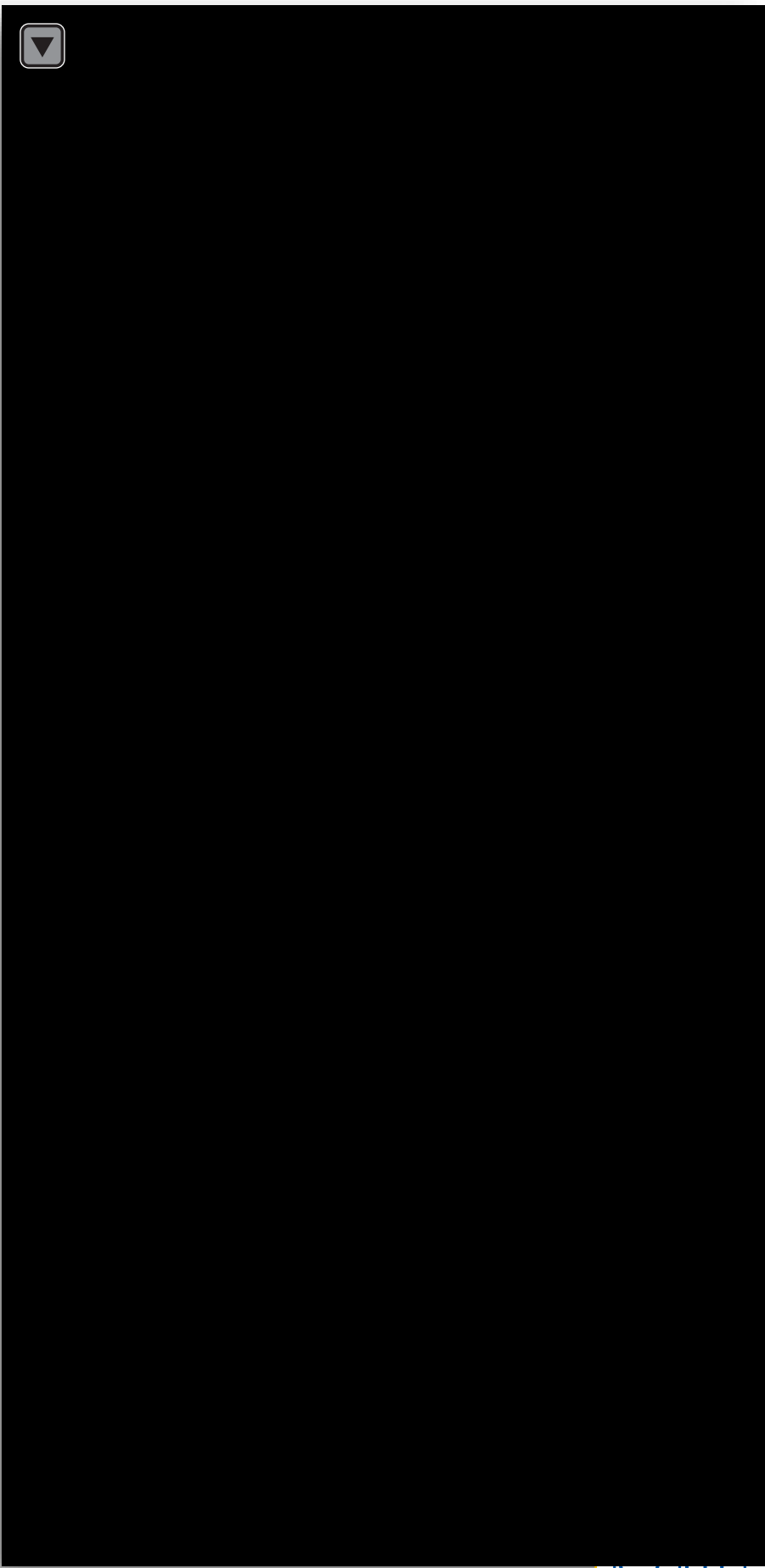
# Path to Achieving MCAP Goals

Milestones	Carbon Neutrality  GHG Emissions (MTCO2e)	Renewable Energy		Materials Management
		Renewable Energy	Electric	
MCAP 2021	97,243	2%	0%	Not Measured
2025	72,932	25%	23%	Initiate Programs
2030	48,622	50%	50%	Optimize Programs
2050	0	100%	100%	90% Diversion

- Existing projects & market conditions
- Mesa’s investment in projects

CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

# MCAP Data Dashboard



Data Portal -  
Healthy  
Environment  
Council Initiative

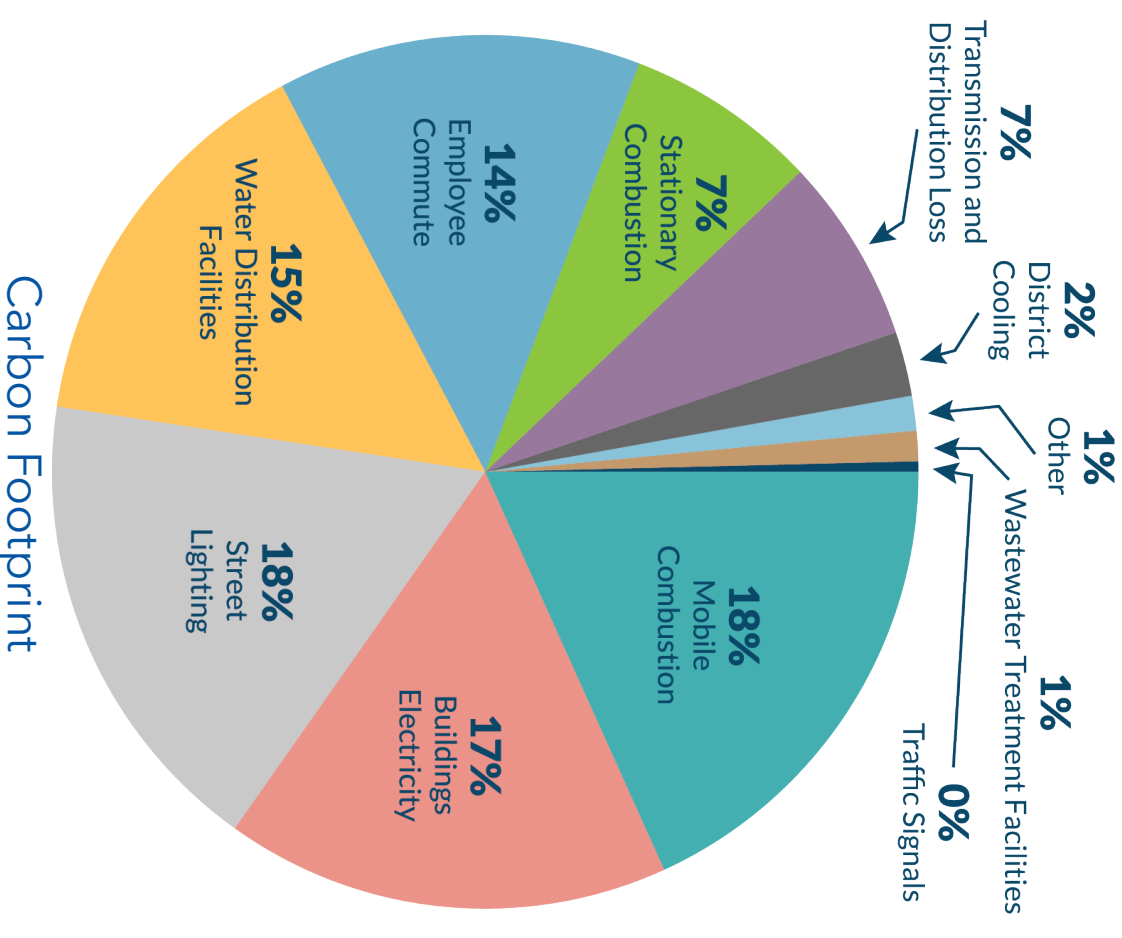
CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

MESA.AZ.GOV/CLIMATEACTION



# Projects Underway

- Energy Management Systems
- Solar Projects
- Utility-Scale Solar
- Streetlight Replacement Project
- Equipment Upgrades
- Smart Utility Meters (AMI)
- Teleworking
- Fleet Electrification



CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

MESA.AZ.GOV/CLIMATEACTION

# Fleet Electrification



## Fleet Vehicles:

- 2 Plug-in hybrid EVs
- 29 EV Lightning pick-up trucks

## Charging Stations:

- West Mesa Service Center
- East Mesa Service Center
- Additional City sites

Coordination with Utilities

CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

[MESA.AZ.GOV/CLIMATEACTION](https://mesaaz.gov/climateaction)



# EV Charging Downtown



Open To The Public - Fee-Based  
11 Stations - Upgraded

- Library
  - Mesa Arts Center
  - Convention Center
  - ECO Mesa public parking
- 11 New Charging Stations (In Design)
- Mesa City Plaza
  - Mesa Arts Center

CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

[MESA.AZ.GOV/CLIMATEACTION](https://mesaaz.gov/climateaction)

# EV Charging Master Plans



**ELECTRIC VEHICLE**



## City Property

- 68 City sites with fleet parking
- City sites with public access
- Parks, libraries and rights-of-way

## Communitywide

- Downtown development
- Partner with SRP Electric
- Collaborate with property owners and developers
- Collaborate with Mesa businesses

CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

**MESA.AZ.GOV/CLIMATEACTION**

# Proposed MCAP Projects

- \$10M set aside for MCAP Projects
- MCAP Projects Ranking Tool developed
- Departments across the City are engaged
- 50 projects were evaluated

CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

[MESA.AZ.GOV/CLIMATEACTION](https://mesaaz.gov/climateaction)



# Project Ranking Tool

CATEGORY	SCORING
Goal #1 – Carbon Neutrality	100 points
Goal #2 – Renewable Energy	100 points
Goal #3 – Materials Management	100 points
GHG Emission Reduction	MTCO <sub>2</sub> e value
MTCO <sub>2</sub> e/\$1000 spent	Calculation
Renewable Energy	% of total energy
Resiliency of Operations	Scale



CITY OF MESA CLIMATE ACTION PLAN: FOR A SUSTAINABLE COMMUNITY

[MESA.AZ.GOV/CLIMATEACTION](https://mesaaz.gov/climateaction)

# Proposed Project List

PROJECT DESCRIPTION	AMOUNT	MTCO <sub>2</sub> e REDUCED*	TOTAL POINTS
Community EV Master Plan	\$200,000	8,300	8,650
Flare to Fuel Project	\$5,457,000	1,676	2,080
Lighting @ City Buildings	\$1,451,000	770	1,070
Solar @ Red Mountain Ballfields	\$120,000	67	443
Lighting @ Red Mountain Park	\$2,772,000	55	330
Total	\$10,000,000	10,953	

\*MTCO<sub>2</sub>e = metric tons carbon dioxide equivalent emissions

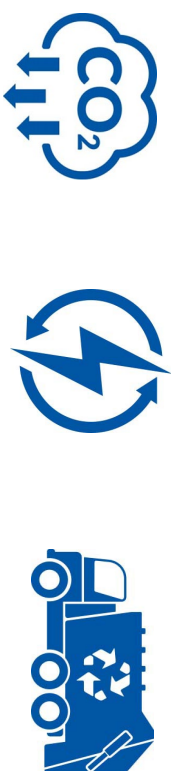
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# Waste to Fuel Project\*



\*Step 1 - Food Waste to Energy Project

Existing Funding - \$5,119,000  
Requested Funding - \$5,457,000



Benefits:

- Resiliency
- Emissions and Waste Reduction
- Waste to Resource

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# Energy Projects



Reduce energy  
Transition to renewable energy



- Benefits:
- Resiliency
  - Reduce Emissions and Hazardous Waste
  - Sustainable Supply

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# Summary – Impact of \$10M Investment

Milestones	Carbon Neutrality	Renewable Energy		Materials Management
	GHG Emissions (MTCO2e)	Renewable Energy		Tons Diverted
		Electric	RNG	
MCAP 2021	97,243	2%	0%	Unknown
Proposed Projects	-10,953*	+2%	+23%	Unknown

\*EV Master Plan will reduce community emissions

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# QUESTIONS

